

AAGTCAACAA AGATGGAGCA CTGGCGTTGC TCCCAAAACA GCAGGAGAAC
 GCGACCGGC CGGAGAAGGC TGGCGCCCCT GAAACCAGCA AGGAATACG
 CCCAGGTGTC CCGGGTGATG GATAACCACA TCCTGGTGTT AGTGCAGGAT
 CCGCGAGCTC GAAACGTGGC TCCGTTTGAA GAACCAACCA AGGAGACCCC
 GCCATCCCGG CCGCAGAATC CAGCTGCGAA AGACCTGGCC G/AGCTTCACCA
 CGGCCCCGGG CCACTGCAGA CACCCGCTGG GTGGGCTGGA TTACCTCGAT
 CCCGCAGGCT TTATGCACTC CTTTCAGTGA GAGCTTGGTT CATGGGATGA
 TGGGTTACAA GGTGGGGTTT TTTTCAGGTC GCACTACGTG AAATGCACTC
 TACCAGAGAA AGCTCGAAAA TGGGGTTAGA ATGACACTAC CCAGACTCAC
 AGTTCACTCC TCTTCATGCT CCATTTTCAA CCACTTGCCTCTT

G/A=G or A at polymorphic site

Fig. 1

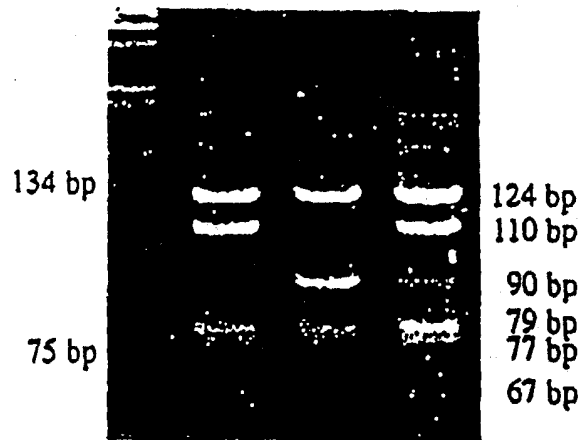


Fig. 2

0990063-070504

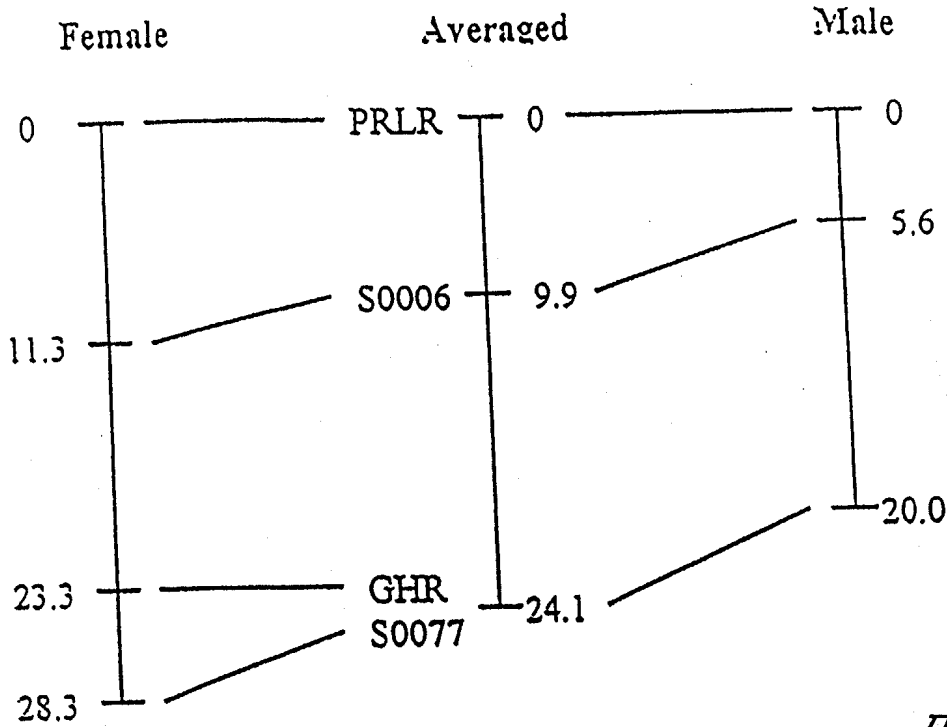


Fig. 3

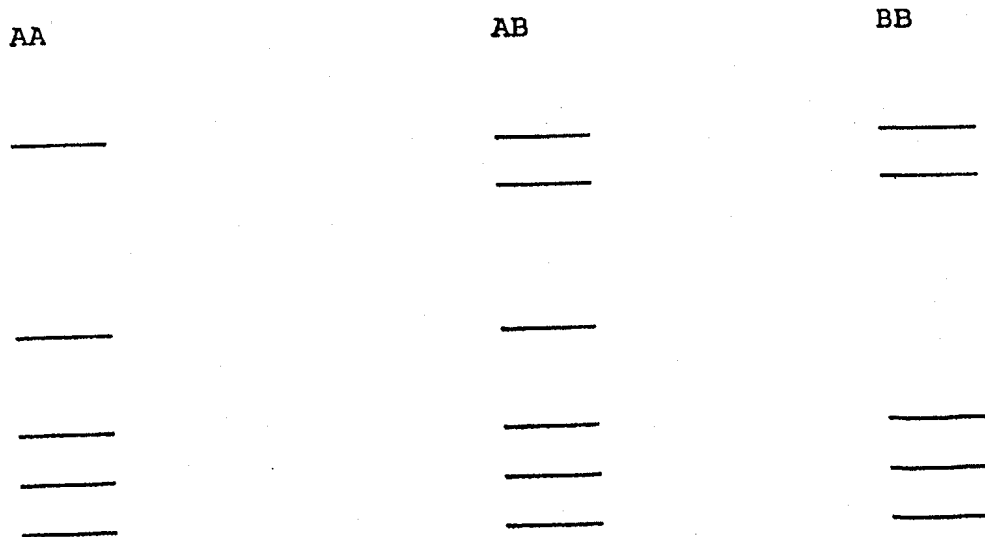


Fig. 4

T09040" E9000660

Fig. 5

Fig. 6

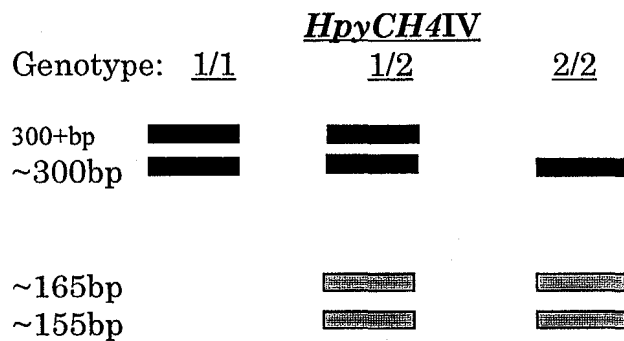


Fig. 7

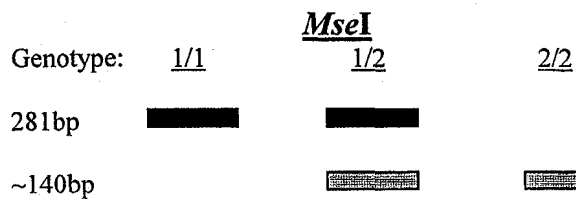


Fig. 8

0990053.03504

Sequence 5' to 3' for porcine PRLR Sequence

GTACACACAC ACACACACAC ACACACACAC ACACACCACC GTTAAGCTNT CTTTCTGAAT CATGCCNACC
 CGAGGGCCAC CCATAGAGGA GTGTGGTGGG GGGTGCCTTG GCACTTCTGA GCCCTGCATC CCTACACCCA
 CTAGCCTCAA GATGTCATC CCTGCCCTGG CCCCCACCCA TCTGCTTCTG TCACCAGCAG AATGGTCCAG
 TCATTGAGCG GACCTTCATA TTGACTCCAG TGGCTTCTGG CTTTTTCTAG GACAGTCACC TCCGGGAAAA
 CCTGAGATCT TCAAATGTCG TTCTCCCGAA AAGGAAACAT TCGCCTGCTG GTGGAAGCCG GGGGCGGATG
 GAGGACTTCC TACCAACTAG ACGCTGACTT ACCACAAGGA AGGGTAAGCA TTCGCGTGTC TCCCAACAAA
 CCACACGAGT GTTCTCTCTC TGTGGGCCAG AGGAACACTG CTTCTGGGTT AGAACTGCCT CGCTTTGGAG
 TTCCCGTCAT GGCTCAGTGG TAACGAATC

Human exon 4

gacagttacctcctgg aaaacctgag atctttaaat gtcgtttctcc caataaggaa acattcacct
 gctggtggag gcctgggaca gatggaggac ttctaccaa ttattcactg acttaccaca
 ggggaagg

Alignment

Exon 4

Hsap	g a c a g t t a c c t c c t g g a a a c c t g a g a t c t t t a a a t
	G Q L P P G K P E I F K
pig	? a c a g t c a c c t c c g g g a a a c c t g a g a t c t t c a a a t
	S P F
Hsap	g t c g t t c t c c c a a t a a g g a a a c a t t c a c c t g c t g g t
	C R S P N K E T F T
pig	g t c g t t c t c c c g a a a a g g a a a c a t t c g c c t g c t g g t
	E A
Hsap	g g a g g c c t g g g a c a g a t g g a g g a c t t c c t a c c a a t t
	R P G T D G G L P T N
pig	g g a a g c c g g g g g c g g a t g g a g g a c t t c c t a c c a a c t
	K P A N
Hsap	a t t c a c t g a c t t a c c a c a g g g a a g g
	Y S L T Y H R E G
pig	? g a c g c t g a c t t a c c a c a a g g a a g g
	** T K

Fig. 9